

## GV-FD8700-FR 8MP H.265 Low Lux WDR IR Fixed IP Dome



- Sensore CMOS low lux a scansione progressiva da 1/2,5 pollici
- Illuminazione minima a 0,04 lux
- Triple stream da H.265 e H.264
- Fino a 30 fps a 3840 x 2160
- Obiettivo varifocale megapixel
- Obiettivo P-iris per il controllo automatico dell'iride
- Funzione giorno e notte (con filtro IR-cut rimovibile)
- IR intelligente
- Ampia gamma dinamica (WDR)
- Distanza IR fino a 40 m (130 ft)
- Meccanismo a 3 assi (pan / tilt / rotazione)
- Un ingresso per sensore e un'uscita digitale
- Slot per scheda micro SD integrato (SD/SDHC/SDXC/UHS-I, Classe 10) per archiviazione locale
- DC 12V / PoE (IEEE 802.3af)
- Audio unidirezionale
- Defog (anti-appannamento)
- Rilevamento del movimento
- Allarme di manomissione
- Riconoscimento facciale
- Sovrapposizione di testo
- Maschera di privacy
- Filtraggio degli indirizzi IP
- Registrazione assegnata da GV-Edge Recording Manager (versione Windows & Mac)
- Supporta iPhone, iPad e Android
- 4 lingue nell'interfaccia web
- Conformità a ONVIF (Profilo S)

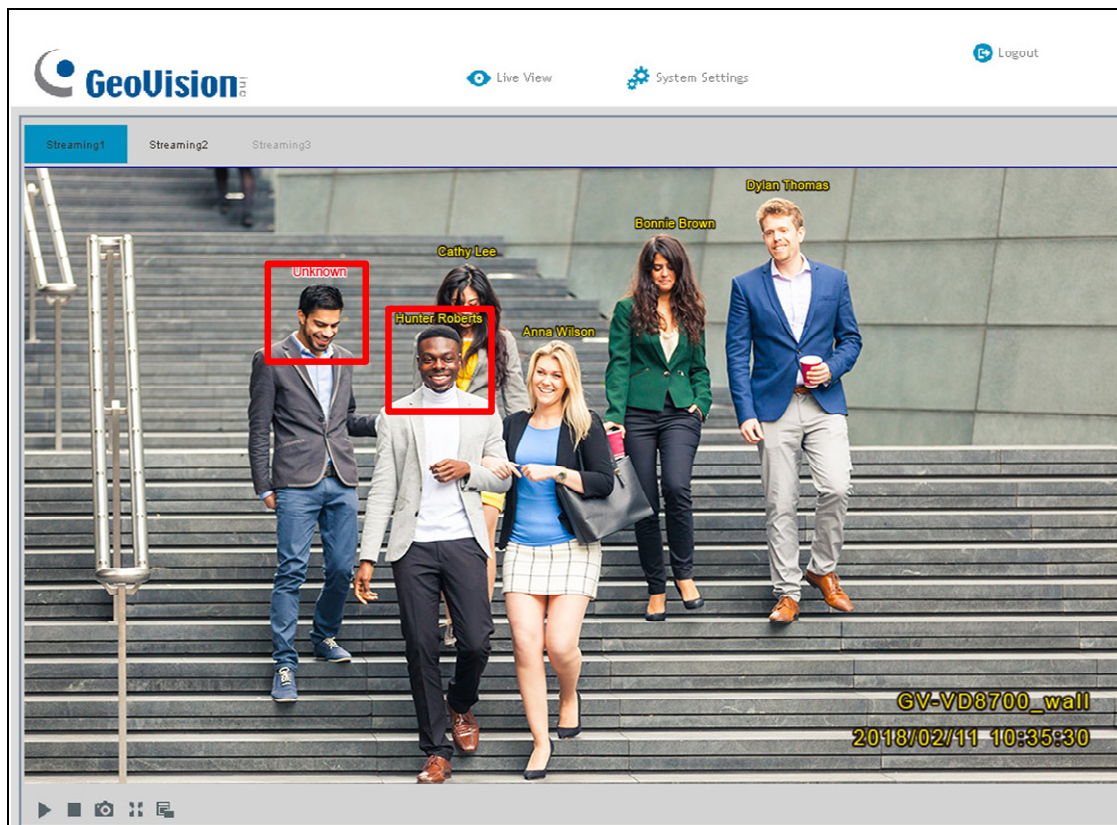
\* Senza slot per scheda di memoria e funzione di archiviazione locale per l'Argentina

### Introduzione

La telecamera Dome IP fissa GV-FD8700-FR dispone di tecnologia all'avanguardia per il riconoscimento facciale, che consente agli utenti di identificare il personale importante dalla sua banca dati in tempo reale. Fino a 10.000 profili facciali possono essere definiti nel database della telecamera e categorizzati per soddisfare varie esigenze aziendali, come facilitare il servizio clienti, la gestione della sicurezza e altro ancora. Il meccanismo di riconoscimento facciale della telecamera è efficace fino a una distanza di 4 metri (circa 14 piedi) ed è in grado di identificare fino a 10 persone simultaneamente. Con un tempo di riconoscimento inferiore ai 2 secondi, è capace di identificare rapidamente ospiti VIP e/o potenziali intrusi. Quando integrata con GV-VMS, il riconoscimento facciale della telecamera può essere utilizzato per attivare allarmi secondo regole predefinite, garantendo così una gestione della sicurezza migliorata e affidabile.

Come telecamera da interno, GV-FD8700-FR supporta il codec video H.265 per ottenere un miglior rapporto di compressione mantenendo immagini di alta qualità con minori larghezze di banda di rete. Per le operazioni notturne, la telecamera è dotata di una distanza efficace degli IR fino a 40 metri (circa 130 piedi). La sua funzione WDR e la compensazione del controllo luce permettono alla telecamera di rilevare volti in ambienti con contrasti di luce drasticamente elevati.

## Real-time Face Recognition on Live View



## Retrievable Face Events

SettingLicenseManagementEvents

2018/02/10 21:47:50 ~ 2018/02/11 21:47:50

Query

☐ Auto Polling 10

☐ Advance Search

Show 10 entries

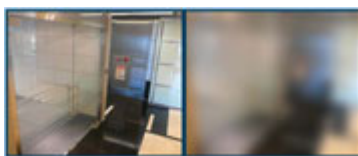
| Timestamp                          | Name           | Image                                                                               | Conf0               | Conf1             | Conf2          |
|------------------------------------|----------------|-------------------------------------------------------------------------------------|---------------------|-------------------|----------------|
| Sunday, February 11, 2018 10:44:55 | Unknown        |  | Mark_Lin 51         | Peter_Liu 44.2    | Ray_Su 43.2    |
| Sunday, February 11, 2018 10:35:50 | Cathy Lee      |  | Cathy_Lee 57.3      | Zach_Lin 48.9     | Kylin_Lin 44.3 |
| Sunday, February 11, 2018 10:48:35 | Hunter Roberts |  | Hunter_Roberts 55.9 | Peter_Liu 54.6    | Ray_Su 49.9    |
| Sunday, February 11, 2018 10:47:57 | Anna Wilson    |  | Anna Wilson 57.3    | Daniel_Chung 42.4 | Mars_Lin 40.4  |
| Sunday, February 11, 2018 10:49:51 | Bonnie Brown   |  | Bonnie Brown 64.9   | Mark_Lin 48.3     | Kim_Lu 41.7    |
| Sunday, February 11, 2018 10:49:43 | Dylan Thomas   |  | Dylan Thomas 58.5   | Cesar_Liu 40.6    | York_Yang 37.8 |

## Active Tampering Alarm

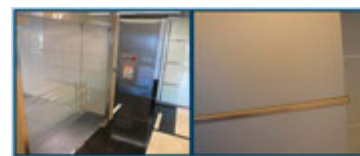
Tampered



Focus Change

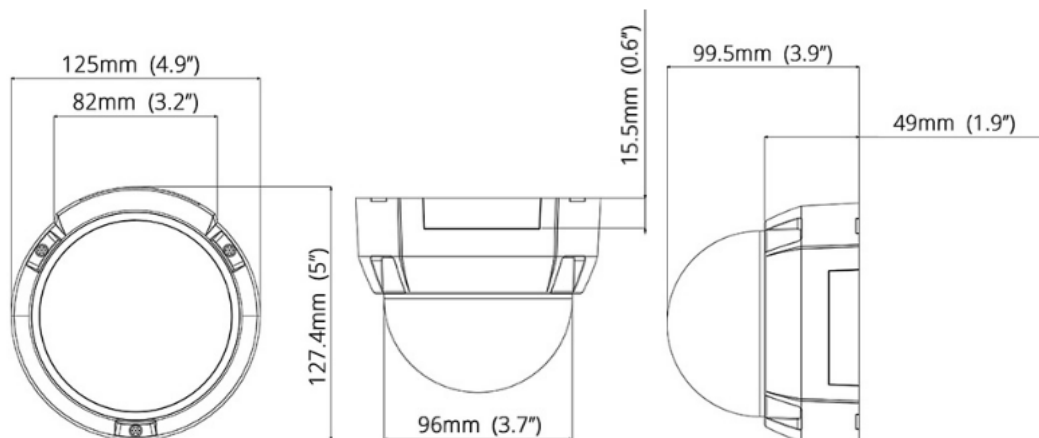


Camera Shift

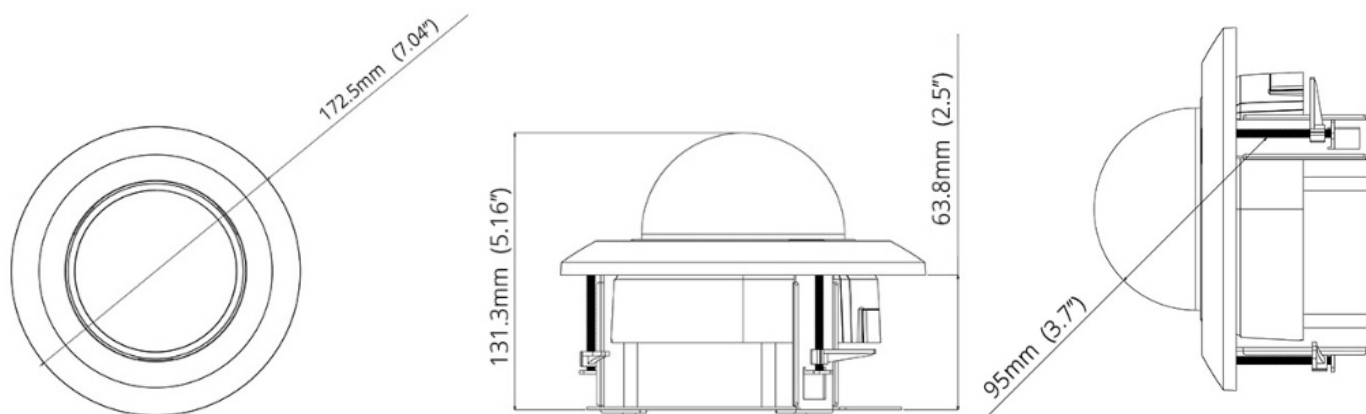


## Dimensions

### Hard-Ceiling Mount



### In-Ceiling Mount



## Specifications

| Camera               |       |                                       |
|----------------------|-------|---------------------------------------|
| Image Sensor         |       | 1/2.5\" progressive scan low lux CMOS |
| Picture Elements     |       | 3840 (H) x 2160 (V)                   |
| Minimum Illumination | Color | 0.05 Lux                              |
|                      | B/W   | 0.04 Lux                              |
|                      | IR ON | 0 Lux                                 |
| Shutter Speed        |       | Automatic, Manual (1/30 ~ 1/8000 sec) |
| White Balance        |       | Automatic, Manual (2800K ~ 8500K)     |
| Gain Control         |       | Automatic                             |
| S/N Ratio            |       | 56 dB                                 |
| WDR                  |       | Yes                                   |
| Dynamic Range        |       | Up to 96 dB                           |

| Lens                              |                    |                                                                                                                                                                                          |
|-----------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Megapixel                         |                    | Yes                                                                                                                                                                                      |
| Day/Night                         |                    | Yes (with removable IR-cut filter)                                                                                                                                                       |
| Focal Length                      |                    | 3.3 ~ 12 mm                                                                                                                                                                              |
| Lens Type                         |                    | Varifocal                                                                                                                                                                                |
| Maximum Aperture                  |                    | F/1.4                                                                                                                                                                                    |
| Mount                             |                    | Ø14 mm                                                                                                                                                                                   |
| Horizontal FOV                    |                    | 106° ~ 42°                                                                                                                                                                               |
| Image Format                      |                    | 1/2.5"                                                                                                                                                                                   |
| Operation                         | Focus              | Manual (with lock)                                                                                                                                                                       |
|                                   | Zoom               | Manual (with lock)                                                                                                                                                                       |
|                                   | Iris               | P-Iris                                                                                                                                                                                   |
| Max. Torque (Focus / Zoom Screws) |                    | 0.049 N.m                                                                                                                                                                                |
| IR LED Quantity                   |                    | 20 IR LEDs                                                                                                                                                                               |
| Max. IR Distance                  |                    | 40 m (130 ft)                                                                                                                                                                            |
| Face Recognition                  |                    |                                                                                                                                                                                          |
| Environment                       |                    | 600 lux                                                                                                                                                                                  |
| Recognition face angle            | Tilt (Up/Down)     | ± 15°                                                                                                                                                                                    |
|                                   | Swing (Left/Right) | ± 15°                                                                                                                                                                                    |
| Max. No of Faces                  |                    | Up to 10                                                                                                                                                                                 |
| Min. face image pixel requirement |                    | 120 x 120                                                                                                                                                                                |
| Operation                         |                    |                                                                                                                                                                                          |
| Video Compression                 |                    | H.265, H.264                                                                                                                                                                             |
| Video Streaming                   |                    | Stream 1 from H.265 or H.264                                                                                                                                                             |
|                                   |                    | Stream 2 from H.264                                                                                                                                                                      |
|                                   |                    | Stream 3 from H.264                                                                                                                                                                      |
| Frame Rate                        |                    | 30 fps at 3840 x 2160 (60/50 Hz)<br>* The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).                           |
| Image Setting                     |                    | Brightness, Contrast, Saturation, Sharpness, White Balance, Flicker-less, Image Orientation (Flip, Mirror, 0°, 180°), Shutter Speed, D/N Sensitivity, Backlight Compensation, WDR, Defog |
| Audio Compression                 |                    | G.711                                                                                                                                                                                    |
| Audio Support                     |                    | One-way Audio (external microphone required)                                                                                                                                             |
| Sensor Input                      |                    | 1 input (dry contact)                                                                                                                                                                    |
| Alarm Output                      |                    | 1 digital output (200mA 5V DC)                                                                                                                                                           |
| Intelligent Video                 |                    |                                                                                                                                                                                          |
| Video Analytics                   |                    | Motion Detection, Tampering Alarm, Face Detection, Face Recognition                                                                                                                      |
| Video Resolution                  |                    |                                                                                                                                                                                          |
| Main Stream                       | 4:3                | 2560 x 1920, 2048 x 1536, 1600 x 1200, 1280 x 960                                                                                                                                        |
|                                   | 16:9               | 3840 x 2160 (Default), 2560 x 1440, 1920 x 1080, 1280 x 720                                                                                                                              |
| Sub Stream                        | 4:3                | 1024 x 768, 640 x 480, 320 x 240                                                                                                                                                         |
|                                   | 16:9               | 1280 x 720, 640 x 360 (Default)                                                                                                                                                          |
| Third Stream                      | 4:3                | 640 x 480, 320 x 240                                                                                                                                                                     |
|                                   | 16:9               | 640 x 360 (Default)                                                                                                                                                                      |
| Network                           |                    |                                                                                                                                                                                          |
| Interface                         |                    | 10/100 Ethernet                                                                                                                                                                          |
| Ethernet Protocol                 |                    | DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, RTSP, SMTP, TCP, UDP                                                                                                                                |
| Mechanical                        |                    |                                                                                                                                                                                          |
| Temperature Detector              |                    | Yes                                                                                                                                                                                      |
| Camera Angle Adjustment           | Pan                | 0° ~ 350°                                                                                                                                                                                |
|                                   | Tilt               | 0° ~ 75°                                                                                                                                                                                 |
|                                   | Rotate             | 0° ~ 340°                                                                                                                                                                                |
| Connectors                        | Power              | 2-pin terminal block (DC 12V, 1.25A), PoE                                                                                                                                                |
|                                   | Ethernet           | Ethernet (10/100 Base-T), RJ-45                                                                                                                                                          |
|                                   | Audio              | 1 In (3.5 mm phone jack for external microphone with power supply)<br>1 Out (3.5 mm phone jack for speaker) (Currently not functional)                                                   |
|                                   | Digital I/O        | I/O wires                                                                                                                                                                                |

|                            |               |                                                                                                                                                                                                                                                                                                   |
|----------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | Local Storage | Micro SD card slot (SD/SDHC/SDXC/UHS-I, Class 10)<br>*UHS-II card type is not supported.                                                                                                                                                                                                          |
| LED Indicator              |               | 2 LEDs: Power, Status                                                                                                                                                                                                                                                                             |
| <b>General</b>             |               |                                                                                                                                                                                                                                                                                                   |
| Environment Temperature    | Start-up      | -20°C ~ 50°C (-4°F ~ 122°F)                                                                                                                                                                                                                                                                       |
|                            | Operation     | -30°C ~ 50°C (-22°F ~ 122°F)                                                                                                                                                                                                                                                                      |
| Humidity                   |               | 10% to 90% (no condensation)                                                                                                                                                                                                                                                                      |
| Power Source               |               | 12V DC / PoE (IEEE 802.3af)                                                                                                                                                                                                                                                                       |
| Max. Power Consumption     |               | 11.04 W                                                                                                                                                                                                                                                                                           |
| Dimension                  |               | Ø 125 x 99.5 mm (4.92" x 3.92")                                                                                                                                                                                                                                                                   |
| Weight                     |               | 470 g (1.04 lb)                                                                                                                                                                                                                                                                                   |
| Regulatory                 |               | CE, FCC, RCM, LVD, RoHS compliant                                                                                                                                                                                                                                                                 |
| <b>Power over Ethernet</b> |               |                                                                                                                                                                                                                                                                                                   |
| PoE Standard               |               | PoE (IEEE 802.3af Power over Ethernet / PD)                                                                                                                                                                                                                                                       |
| PoE Power Supply Type      |               | End-Span and Mid-Span                                                                                                                                                                                                                                                                             |
| PoE Power Output           |               | Per Port 48V DC, 350mA, Max. 15.4 watts                                                                                                                                                                                                                                                           |
| <b>Web Interface</b>       |               |                                                                                                                                                                                                                                                                                                   |
| Installation Management    |               | Web-based configuration                                                                                                                                                                                                                                                                           |
| Maintenance                |               | Firmware upgrade through Web Browser or Utility                                                                                                                                                                                                                                                   |
| Access from Web Browser    |               | Camera Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Audio, Picture in Picture, Privacy Mask, Text Overlay                                                                                                                                                 |
| Language                   |               | English / Japanese / Simplified Chinese / Traditional Chinese                                                                                                                                                                                                                                     |
| <b>Applications</b>        |               |                                                                                                                                                                                                                                                                                                   |
| Software Supported         |               | GV-DVR / NVR (V8.8.0), GV-VMS (V17.1.0.100), GV-Control Center (V3.5.1), GV-Edge Recording Manager (V1.4.0), GV-Recording Server / Video Gateway (V1.4.2), GV-Redundant / Failover Server (V1.1.0.0), GV-Mobile Server (V1.5.0.0)<br>*Face recognition and detection is only supported by GV-VMS. |
| Smart Device Access        |               | GV-Eye for iOS and Android                                                                                                                                                                                                                                                                        |
| Live Viewing               |               | Web browser, Mobile app                                                                                                                                                                                                                                                                           |

**Note:**

1. It is required to apply patch files to some of the supported software.
2. Specifications are subject to change without prior notice.

## Packing List

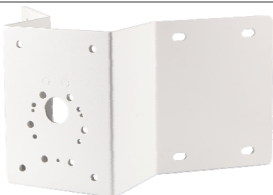
- |                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| 1. H.265 Fixed Dome | 7. Installation Sticker                                         |
| 2. Screw x 3        | 8. 8 GB Micro SD Card (MLC, SDHC, Class 10)                     |
| 3. Screw Anchor x 3 | (The Micro SD Card is preinstalled and formatted in the camera) |
| 4. Torx Wrench      | 9. Download Guide                                               |
| 5. I/O Wires        | 10. Warranty Card                                               |
| 6. Audio Wire x 2   |                                                                 |

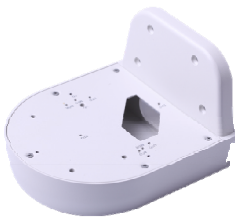
**Note:** Power adapters can be purchased upon request.

## Accessories

| Model No.   | Name                               |                                                                                     | Details                                                                                |
|-------------|------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| GV-Mount100 | Straight Tube and Junction Box Kit |  | Dimensions: 200 x 170 x 257.5 mm<br>(7.9" x 6.7" x 10.1")<br>Weight: 3.17 kg (6.99 lb) |



| Model No.     | Name                                    |                                                                                                    | Details                                                                                                                                              |
|---------------|-----------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| GV-Mount101   | Straight Tube Kit                       |                   | <p>Dimensions: 219 x 125 x 332 mm<br/>(8.6" x 4.9" x 13.1")</p> <p>Weight: 1.8 kg (3.97 lb)</p>                                                      |
| GV-Mount200   | Wall Pendant Mount                      |                   | <p>Dimensions: 225 x 140 x 250 mm<br/>(8.9" x 5.5" x 9.8")</p> <p>Weight: 900 g (1.98 lb)</p>                                                        |
| GV-Mount203   | Wall Mount and Junction Box             |                   | <p>Dimensions: 315 x 195.5 x 225 mm<br/>(12.4" x 7.7" x 8.9")</p> <p>Weight: 2.95 kg (6.5 lb)</p>                                                    |
| GV-Mount300-1 | Convex Corner Adapter Kit               |                 | <p>Dimensions: 238.6 x 395.2 x 210 mm<br/>(9.4" x 15.5" x 8.2")</p> <p>Weight: 4.27 kg (9.41 lb)</p>                                                 |
| GV-Mount310-1 | Concave Corner Adapter Kit              |                 | <p>Dimensions: 111.2 x 369.9 x 210 mm<br/>(4.37" x 14.5" x 8.2")</p> <p>Weight: 2.96 kg (6.53 lb)</p>                                                |
| GV-Mount400-1 | Pole Mount Bracket Kit<br>(Ø 4" ~ 6")   |    | <p>Bracket Dimensions: 68.4 x 240 x 163 mm<br/>(2.69" x 9.44" x 6.41")</p> <p>Weight: 1.70 kg (3.75 lb)</p> <p>Steel Strap Diameter: Ø 4" ~ 6"</p>   |
| GV-Mount410-1 | Pole Mount Bracket Kit<br>(Ø 6" ~ 7.5") |  | <p>Bracket Dimensions: 68.4 x 240 x 163 mm<br/>(2.69" x 9.44" x 6.41")</p> <p>Weight: 1.70 kg (3.75 lb)</p> <p>Steel Strap Diameter: Ø 6" ~ 7.5"</p> |

| Model No.   | Name                    |                                                                                     | Details                                                                                                                                                                                                                                                                                           |
|-------------|-------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GV-Mount702 | Extension Tube          |    | <p><b>Four</b> options are available.</p> <p>Dimensions:<br/> <math>\varnothing</math> 5.4 x 10 or 20 or 30 or 50 cm<br/> (<math>\varnothing</math> 2.1" x 3.9" or 7.9" or 11.8" or 19.7")</p> <p>Weight:<br/> 180 g or 390 g or 550 g or 800 g<br/> (0.4 lb or 0.86 lb or 1.21lb or 1.76 lb)</p> |
| GV-Mount909 | Wall Box Mount          |    | <p>Dimensions: 170 x 150 x 110 mm<br/> (6.7" x 5.9" x 4.3")</p> <p>Weight: 610 g (1.34 lb)</p>                                                                                                                                                                                                    |
| GV-Mount910 | Power Box Mount Bracket |   | <p>Dimensions: 112 x 98 x 7.5 mm<br/> (4.4" x 3.9" x 0.3")</p> <p>Weight: 105 g (0.23 lb)</p>                                                                                                                                                                                                     |
| GV-Mount913 | Power Box Mount Bracket |  | <p>Dimensions: <math>\varnothing</math> 146 x 7.5 mm (<math>\varnothing</math> 7.04" x 2.5")</p> <p>Weight: 180 g (0.4 lb)</p>                                                                                                                                                                    |
| GV-Mount915 | In-Ceiling Mounting Kit |  | <p>Dimensions: <math>\varnothing</math> 172.5 x 63.8 mm<br/> (<math>\varnothing</math> 7.04" x 2.5")</p> <p>Weight: 424 g (0.93 lb)</p>                                                                                                                                                           |
| GV-Mount917 | Dome Housing            |  | <p>Dimensions: <math>\varnothing</math> 186 x 97.5 mm<br/> (<math>\varnothing</math> 7.3" x 3.8")</p> <p>Weight: 948 g (2.09 lb)</p>                                                                                                                                                              |
| GV-PA191    | PoE Adapter             |  | <p>The GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.</p>                                                                                                                                                            |

|               |                                                                                                                                                                                                                                                                                                         |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GV-PoE Switch | The GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.                                                                                                                |
| GV-FWC        | GV-FWC can integrate GV-Face Recognition Cameras and GV-AI FR into access control systems by sending access card data, paired to Face IDs, to controllers either through TCP/IP or Wiegand connection.                                                                                                  |
| GV-Relay V2   |  <p>The GV-Relay V2 is designed to expand the voltage load of GV IP devices. It provides 4 relay outputs, and each can be set as normally open (NO) or normally closed (NC) independently as per your requirement.</p> |
| Power Adapter | Contact our sales representatives for the countries and areas supported.                                                                                                                                                                                                                                |